

Upload Assignment: Assignment: Capture the Flag

ASSIGNMENT INFORMATION

Points Possible

10

Attached, there's a small C program with a single function. Using GDB, I want you to do a couple of things. First, load the program in GDB and set a breakpoint on the function the program contains. First, use the nm or readelf commands, and figure out the name of this function.

Once you know the name of the function, set a breakpoint at the beginning of the function, and list the assembly of the function (use the GDB command "disas" to do this). Take a look at the disassembly, see if you can get a feel for what's going on and what data is being manipulated. Then, step through it.

A buffer is being manipulated - see if you can find out the contents of the buffer when the program terminates.

Ask me any question you might have!

Evaluation criteria: Email me the name of the function (3 points), a paragraph describing what is going on (5 points), and the contents of the buffer at program termination (2 points).

[program.tgz](#)